

STEEL STAMP PART NUMBER  
THIS SURFACE

(A)

SPLINE -C- SEE DATA

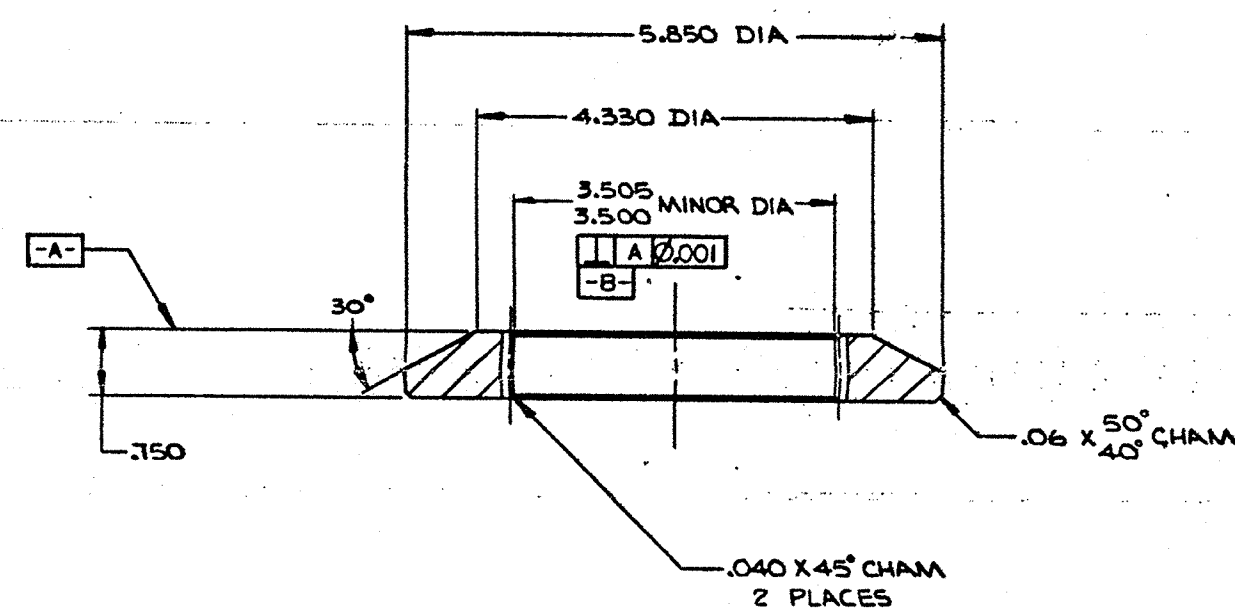
$\sqrt{\text{A}}$	B	A	.002
PITCH DIA			
$\sqrt{\text{A}}$	B	A	.001
LEAD VARIATION			

THIS SIDE AGAINST BEARING

STEEL STAMP .19 HIGH LETTERS  
AS SHOWN

(A)

DETAIL -101



406-040-036 BEARING REF

406-040-092 LINER REF

(101) PLATE (F)  
SEE DETAIL

406-040-040 MAST ASSY REF

THE

		SPLINE <span style="border: 1px solid black; padding: 0 5px;">C</span>		
TYPE _____		INTERNAL INVOLUTE,		
		FILLET ROOT, SIDE FIT		
NO OF TEETH _____		43		
PITCH _____		12/24		
PRESSURE ANGLE _____		30°		
BASE CIRCLE DIA _____		3.103258 REF		
PITCH DIA _____		3.58333 REF		
MAJOR DIA _____		3.154 MAX		
FORM DIA _____		3.614		
MINOR DIA _____		3.500-3.505 REF		
CIRCULAR SPACE WIDTH _____				
MAX ACTUAL _____		.1346		
MIN EFFECTIVE _____		.1309		
TIP EDGE BREAK _____		.003 MAX		
SURFACE TEXTURE _____		90 AA		
MEASUREMENT BETWEEN _____				
.1440 DIA PINS _____		3.5780-3.5901 REF		

EWA 406D.2.26 WO 4907				SEE SEPARATE PARTS LIST			
PROPRIETARY RIGHTS NOTICE				DRAWN 5. MENNALLY 57-82		Bell Helicopter <b>TEXTRON</b>	
THESE DATA ARE PROPRIETARY TO BELL HELICOPTER TEXTRON. DISCLOSURE, REPRODUCTION OR USE OF THESE DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM BELL HELICOPTER TEXTRON.				CHECKED <i>Shenard 10/5/82</i>		5001 Bell Road • Fort Worth, Texas 76101 Division of Textron Inc.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				STRESS <i>Double 10/12/82</i>		TITLE <b>PLATE-BEARING</b>	
TOLERANCES ON				WEIGHTS		REMOVAL MAIN ROTOR	
DECIMALS .005				GROUP ENG'D <i>D. J. Wadell 10/2</i>		MAST	
FRACTIONS 1/32				DSR			
ANGLES 1/2°				MET DESIGN <i>Eng. G. B. Smith</i>		DWG CODE IDENT NO. DWG NO.	
MACHINED SURFACES EXCEPT AS NOTED				PROJECT <i>W. H. Miller 10/11</i>		E <b>97499</b> T103318	
125 ✓				CUSTOMER		SCALE <b>1" = 1"</b> ISSUED <b>1</b> OF <b>1</b>	
THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.							
-101 406-040-011 ON-5452							
-101 TEST 406D22							
DASH NO. NEXT ASSY USED ON							
APPLICATIONS							



FOR REFERENCE ONLY  
NOT FOR PRODUCTION

PARTS LIST	<b>Bell Helicopter TEXTRON</b> POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101	CODE IDENT NUMBER	CONTRACT NUMBER	HEAT TREAT SPEC	NUMBER	REVISION LETTER
		97499	FOR INTERPRETATION SEE 299 - 947 - 739	MIL-H- 6875 FINISH SPEC	PLT103318	-
DRAWING TITLE PLATE - BEARING REMOVAL, MAIN ROTOR MAST			EWA	DRAWING TYPE		
			406D226	T	SH 1 OF 1	
PL REVISION RECORD						
LTR	DESCRIPTION	DATE	LTR	DESCRIPTION	DATE	LTR
	ORIG RELEASE	10-13-82				
PL NOTES						
LTR LINE NOTE						
A	MARK PER BPS4050.					
B 1	BREAK SHARP EDGES .015 RADIUS OR .015 X 40-50 DEGREE CHAMFER UNLESS OTHERWISE SPECIFIED.					
C 1	RUNOUT OF ALL DIAMETERS AND SURFACES TO AXES ESTABLISHED BY DATUMS -A- AND -B- SHALL BE .010					
C 2	UNLESS OTHERWISE SPECIFIED.					
D 1	APPLY PHOSPHATE COATING PER DOD-P-16232 TYPE M CLASS 2.					
E 1	T103318-101 PLATE SHALL BE USED TO REMOVE 406-040-036 BEARING FROM 406-040-040 MAST ASSEMBLY.					
F 1	FOR ALTERNATE MATERIAL USE 4130 ALY STEEL PLATE, .750 THK X 6.0 WIDE X 6.0 LONG PER MIL-S-18729					
F 2	OR 4130 ALY STEEL BAR, 6.250 DIA X .8 THK, PER MIL-S-6758.					
PART NUMBER MATERIAL REQUIREMENTS						
DASH	NOMENCLATURE	THICKNESS/SHAPE	WIDTH/WALL LENGTH	INITIAL	FINAL	TYPE
-101	PLATE	6.2500 DIA	1.500WALL	.8	N	145-165
PARTS LIST						
RV	QUANTITY PER ASSEMBLY	PART NUMBER	NOMENCLATURE	EFFECTIVITY CODE	FINISH	C
LP				GFAE FROM	THRU IDENT CHEM	ORG NOTE
		-101	PLATE		NOTE	D.E.F
END PARTS LIST						

FORM 7840 - 59769

PROPRIETARY RIGHTS NOTICE  
THIS DATA IS PROPRIETARY TO BELL HELICOPTER COMPANY. DISCLOSURE, REPRODUCTION, OR USE OF THIS DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM BELL HELICOPTER COMPANY.  
THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.